

**INDIAN RIVER COUNTY, FLORIDA  
BOARD MEMORANDUM**

**CONSENT**

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**TO:** Jason E. Brown  
County Administrator

**THROUGH:** Richard B. Szpyrka, P.E.  
Public Works Director

**FROM:** Kendra Cope, M.S.  
Coastal Resources Coordinator

**SUBJECT:** **Work Order No. 12 - Morgan & Eklund, Inc.  
Post Hurricane Dorian Beach Profile Surveys**

**DATE:** September 6, 2019

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**DESCRIPTION AND CONDITIONS**

On October 4, 2016, the Board approved a contract with Morgan and Eklund, Inc. (M&E) for Professional Land Surveying and Mapping Services for a two-year term. The Board amended the Contract on October 18, 2016. The contract was renewed for an additional two-year term on October 4, 2018. M&E is the selected County Consultant for professional onshore/offshore hydrographic surveying services.

The western eyewall of Hurricane Dorian passed approximately 105 miles east of Indian River County on September 3, 2019, with maximum sustained winds of approximately 18-25 mph and maximum recorded gusts of up to 43 mph producing 13-15 foot breaking waves along the coast. As a result of the high surf, approximately 3-10 feet of dune retreat was observed throughout the County shoreline.

The proposed Work Order No. 12 provides post Hurricane Dorian beach profile surveys that are necessary to quantify the dune/beach erosion impacts to our County. The results of the survey will also be offered to the Florida Department of Environmental Protection and Federal agencies as documentation of losses. Post storm beach profile surveys may be eligible for FEMA reimbursement if funding becomes available.

Work Order No. 12 totals \$57,750.

**FUNDING**

Funding for this expenditure, totaling \$57,750, will be made available in the Beach Restoration Fund/Other Contractual Services/Hurricane Dorian, Account # 12814472-033490-19028.

**RECOMMENDATION**

The recommendation of staff is for the Board to approve Work Order No. 12 to the Professional Land Surveying and Mapping Services contract No. 1605 with Morgan and Eklund, Inc. and authorize the Chairman to sign on behalf of the County.

**ATTACHMENT**

Morgan and Eklund, Inc. Work Order No. 12  
Scope of Work Summer Semi-Annual Coastal Monitoring Survey

**APPROVED AGENDA ITEM FOR: SEPTEMBER 17, 2019**